



SEQUENCE LISTING

<110> PIROESKI, LIISE-ANNE
ZHONG, ZHAOJING
CHANG, QING

<120> HUMAN ANTIPNEUMOCOCCAL ANTIBODIES FROM NON-HUMAN
ANIMALS

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<140> 10/714,079

<141> 2003-11-14

<150> PCT/US02/18363

<151> 2002-05-16

<150> 60/291,492

<151> 2001-05-16

<160> 21

<170> PatentIn Ver. 2.1

<210> 1

<211> 462

<212> DNA

<213> Homo sapiens

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tccgtgaagg	gccggttcac	catctccaga	gacaattcca	agaacacgct	gtatctgcaa	300
atgaacagcc	tgagagccga	ggacacggcc	gtatattact	gtgcgaaagc	ccctcctaac	360
tggggatcgt	ttgactactg	gggccaggga	accctgggtca	ccgtctcctc	agggagtgca	420
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<213> Homo sapiens

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ctgaataact	tctatcccag	agaggccaaa	gtacagtgga	aggtggataa	cgccctccaa	480
tcgggtaact	cccaggagag	tgtcacagag	caggacagca	aggacagcac	ctacagcctc	540
agcagcacc	tgacgtgag	caaagcagac	tacgagaaac	acaaagtcta	cgccctgcgaa	600
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<213> Homo sapiens

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gagagtgtca cagagcagga cagcaaggac agcacctaca gcctcagcag caccctgacg 540
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gctgcacccg tgaaaggcag attcaccatc tcaagagatg attcaaaaaa cacgctgtat 300
ctgcaaatga acagcctgaa aaccgaggac acagccgtgt attactgtac gaaacatagt 360
gggagctact acggatactt ccagcactgg ggccagggca ccctgggcac cgtctcctca 420
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<212> DNA
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tcgggtaact cccangagag tgtcacagag cangacagca aagacagcac ctacagcctc 540
agcagcacc cagcgtgag caaagcagac tacgagaaac acaaagtcta cgctgcgaa 600
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<210> 9
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<210> 10
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<210> 11
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<210> 12
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<210> 13
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<212> PRT
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<210> 14
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<210> 15
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<400> 15
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<210> 16
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<400> 16
Gln Ala Asn Ser Phe Arg Thr
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<213> Artificial Sequence

<220>
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<223> Description of Artificial Sequence: Primer

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